

PUBLIC NOTICE

PERMIT APPLICATION: NRS07.279

APPLICANT: Jack Bell
Horn Springs Group, Inc.
1333-C West Main Street
Lebanon, Tennessee 37087
713-805-5909

LOCATION: 4 unnamed tributaries to Horn Springs Branch (S-1, S-3, S-4, and S-5) located in the new Hamilton Springs residential development located between Hwy. 70 and Old Horn Springs Road in Lebanon, Wilson County (Lat: 36.2298°, Long: - 86.3702°), USGS, Martha, TN (314-NE) and Shop Springs (318-NW).

PROJECT DESCRIPTION: The proposed activity includes alterations to 4 unnamed tributaries to Horn Springs Branch for the purpose of a residential development. 504 ft. of one unnamed tributary (S-3) is proposed to be relocated in an identical 504 ft. channel with similar characteristics and a 25-ft. riparian buffer established. 107 ft. of a second unnamed tributary (S-4) is proposed to be altered by the installation of an impoundment structure to control the release of high flows. 467 ft. of a third unnamed tributary (S-5) is proposed to be filled and placed into concrete pipe. Lastly, a bottomless arch bridge, approximately 12 ft. X 4 ft. X 85 ft., will be installed in a fourth unnamed tributary (S-1). The applicant proposes to provide compensatory mitigation for the above referenced impacts through on-site mitigation. Replacement in-kind of 504 ft. of impact to S-3 with additional 25-ft. vegetated buffer for enhancement and conservation easement, provide remaining 738 ft. of S-4 with 25-ft. vegetated riparian buffer for enhancement, and conservation easement. Remove existing 39 ft. of asphalt rubble and associated road crossing in S-4 and establish 50-ft. riparian vegetated buffer. Provide 50-ft. average riparian vegetated buffer and conservation easement on 1,066 ft. of S-1, and remove existing 18 ft. of 5 ft. X 6 ft. concrete box culvert.

WATERSHED DESCRIPTION:

Watershed:	Lower Cumberland-Old Hickory Lake
Hydrologic Unit Code:	05130201055
Stream Name:	Unnamed tributaries to Horn Springs Branch
Stream Segment ID:	05130201055_0300
Designated Use	Use Support
fish and aquatic life	not assessed
recreation	not assessed
irrigation	not assessed
livestock watering and wildlife	not assessed
Ecoregion:	71h and 71i
PERMIT COORDINATOR:	Chip Hannah

In accordance with the Tennessee Antidegradation Statement (Rule 1200-4-3-.06), the division has determined that the proposed activity will result in a de-minimis impact to water quality and will not degrade water quality.

This notice may be viewed online at: <http://www.state.tn.us/environment/wpc/ppo/arap>.

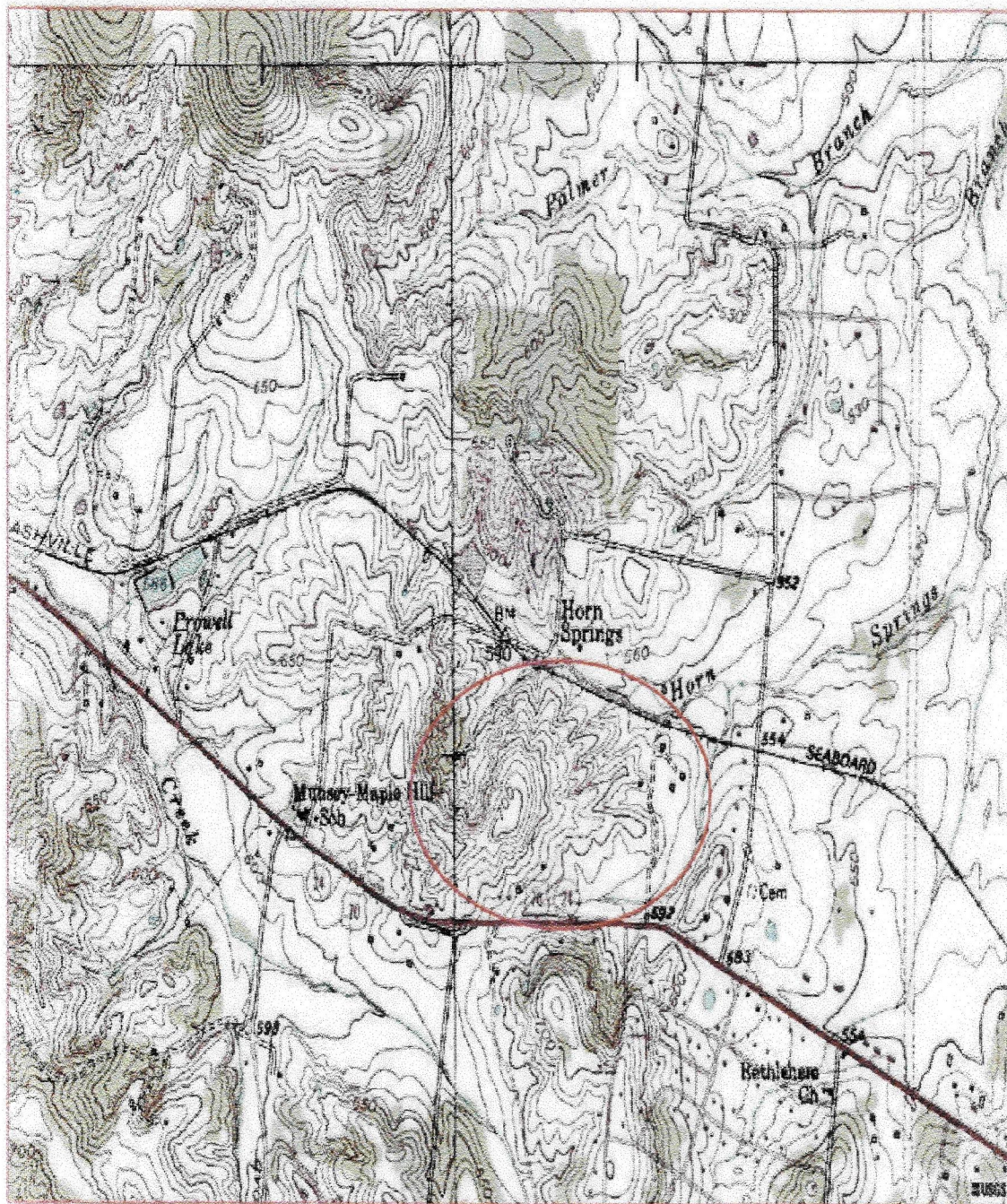
No decision has been made whether to issue or deny this permit. The purpose of this notice is to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **THIRTY (30) DAYS of the date that this notice is posted**. Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced.

Interested persons may also request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the department will hold a public hearing.

The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department's address for review and/or copying. The department's address is:

Tennessee Department of Environment & Conservation
Division of Water Pollution Control
Natural Resources Section
7th Floor, L & C Annex
401 Church Street
Nashville, TN 37243

In deciding whether to issue or deny a permit, the department will consider all comments of record and the requirements of applicable federal and state laws. In making this decision, a determination will be made regarding the lost value of the resource compared to the value of any proposed mitigation. The department shall consider practicable alternatives to the alteration. The department shall also consider loss of waters or habitat, diminishment in biological diversity, cumulative or secondary impacts to the water resource, and adverse impact to unique, high quality, or impaired waters.



Location Map. Site is west of Lebanon along US-70 and just a couple of miles east of SR-109.

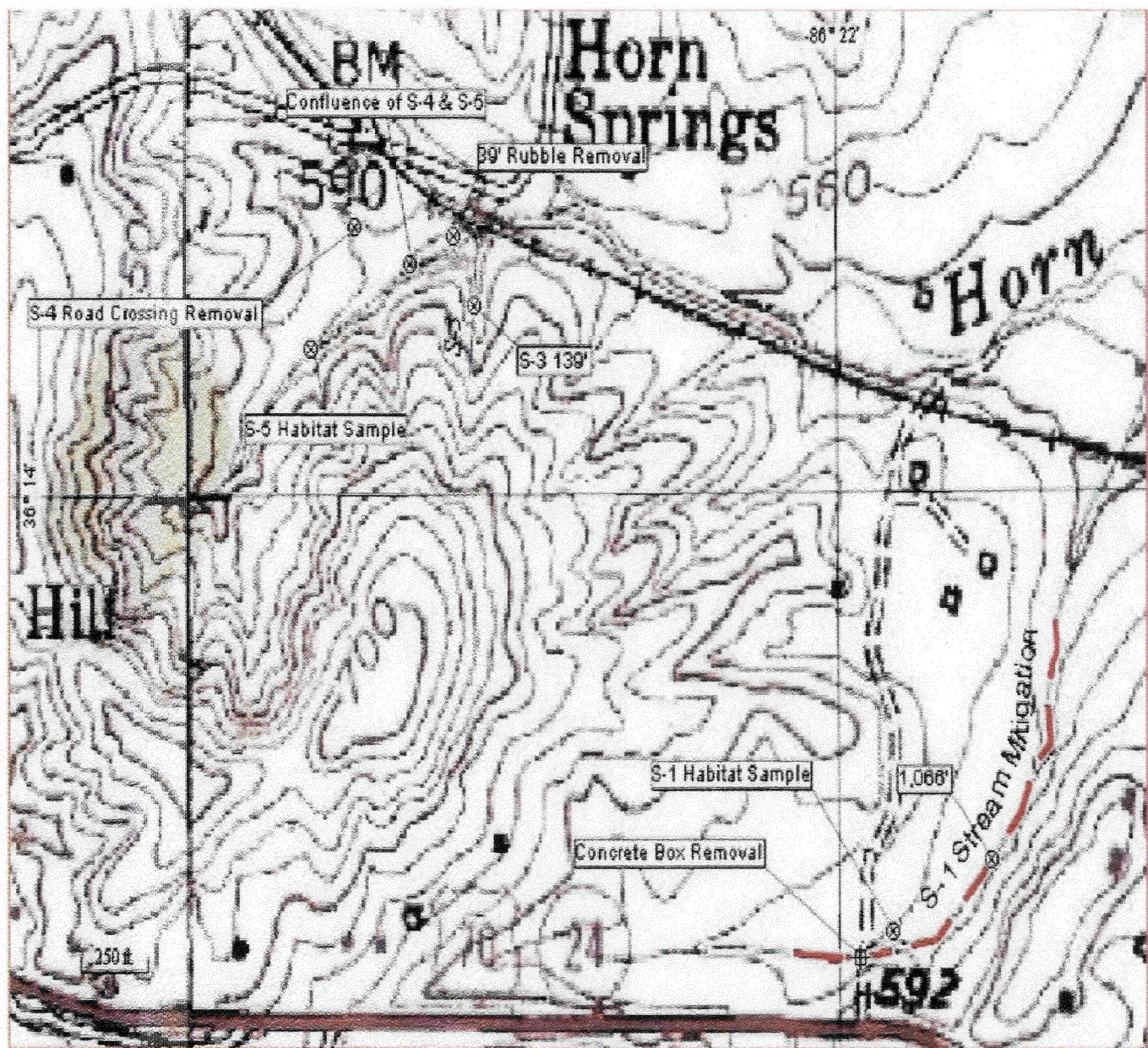


Figure 4. Proposed Stream Mitigation for Hamilton Springs Development—Please note that 1,125' is needed for mitigation along S-1 and begins at the downstream end of the arch bridge.

BEGINNING OF STREAM 4 TO BE IMPACTED PER COORDINATE POINT FROM PER BILL DUFFLE (TDEC-WATER POLLUTION CONTROL), DATED 12-20-06
 STREAM TO REMAIN UPSTREAM OF IMPOUNDMENT- 738'
 STREAM TO REMAIN DOWNSTREAM OF IMPOUNDMENT- 39'

738' OF STREAM MITIGATION W/AVG. 50' BUFFER

39' OF EXISTING ASPHALT RUBBLE TO BE REMOVED FROM S-4

PROPOSED 100-YR WATER SURFACE ELEVATION 561.67

PROPOSED EARTHEN BERM TOP WIDTH 12'. MAX. HEIGHT 12.4'. STREAM IMPOUNDMENT WITH BERM AND OUTLET STRUCTURE-107'

139' STREAM MITIGATION W/AVG. 50' BUFFER

PROPOSED STREAM 3 REALIGNMENT ALONG LOT LINE W/ 25' CONSERVATION BUFFER

BEGINNING OF STREAM 3 TOTAL IMPACT ~504'
 ORIGINAL STREAM ~504'
 RELOCATED STREAM ~504'

EXISTING RAILROAD

BEGINNING OF STREAM 5 TO BE IMPACTED PER COORDINATE POINT FROM PER DENNIS CONGER (TDEC-WATER POLLUTION CONTROL), DATED 1-26-08
 STREAM IMPACT WITHIN LOT GRADING- 487'
 STREAM TO REMAIN- 316'

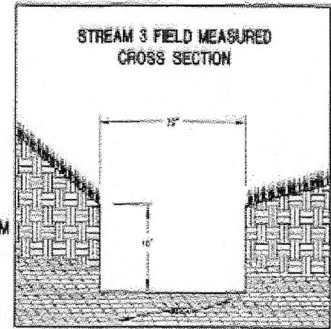
487' OF STREAM MITIGATION W/AVG. 50' BUFFER

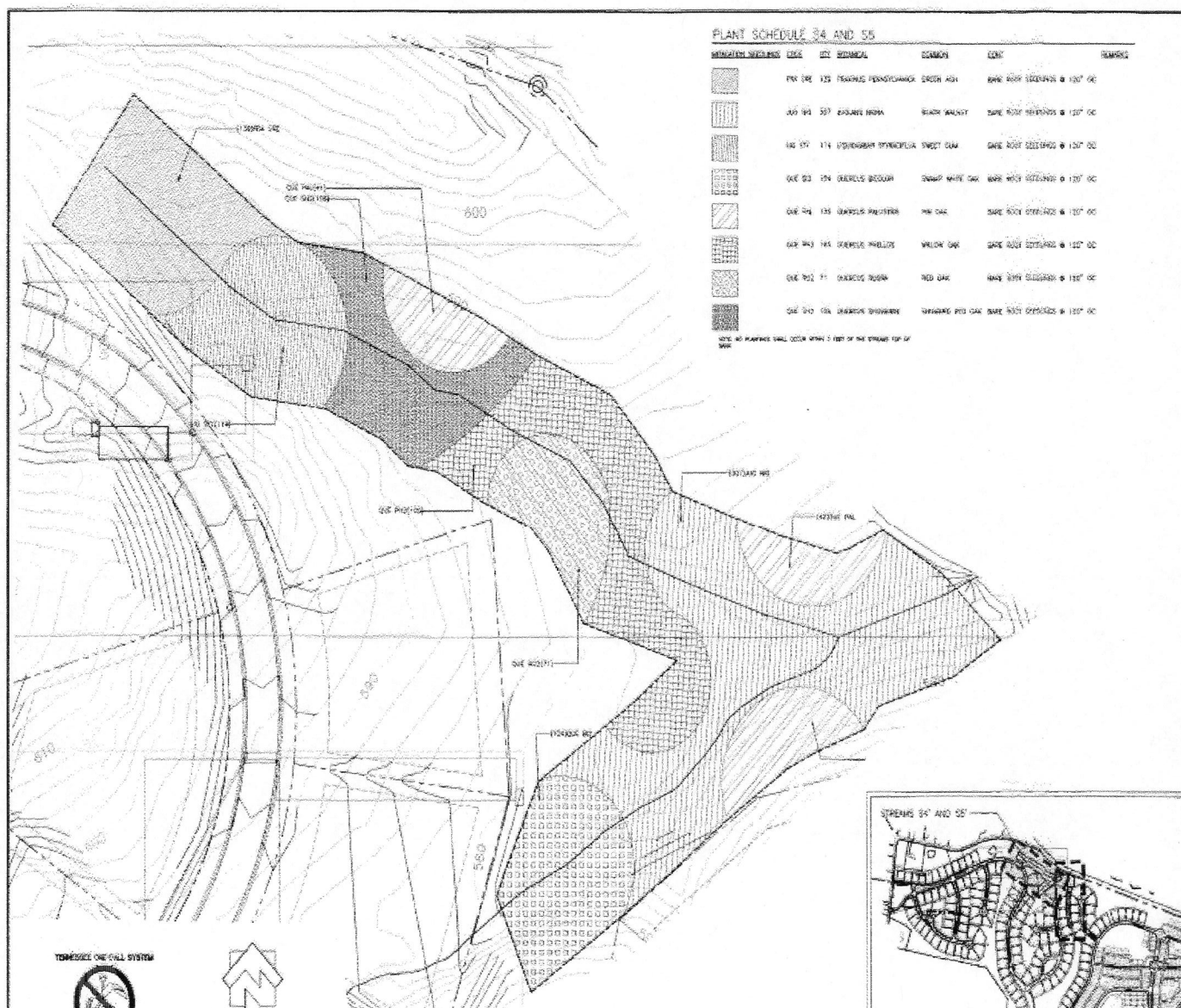
1066' OF STREAM MITIGATION W/AVG. 50' BUFFER

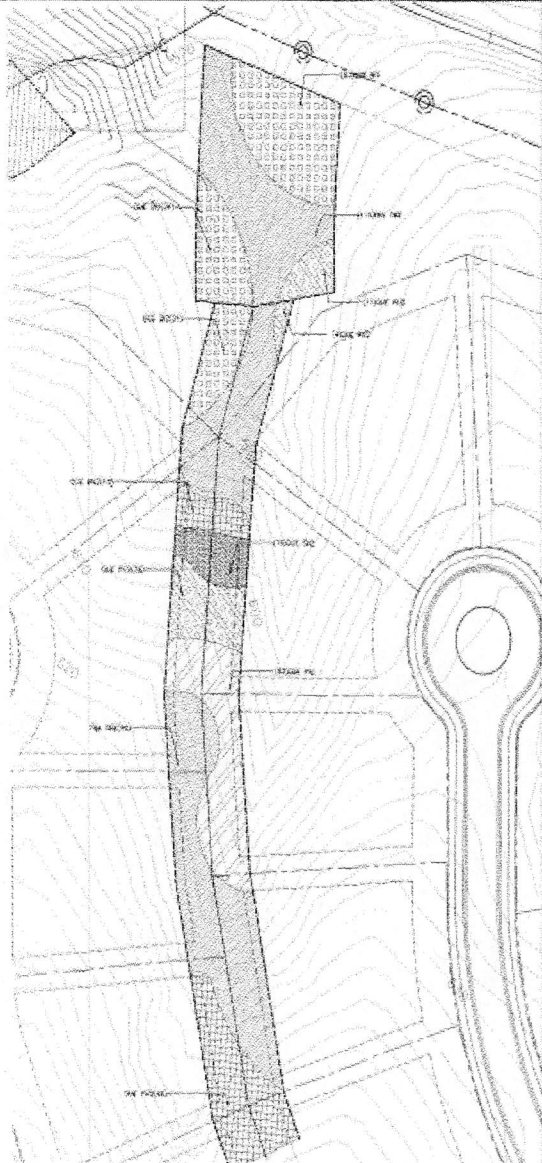
EXISTING STREAM 1 CROSSING TO BE REMOVED

PROPOSED STREAM 1 BRIDGE CROSSING W/ 12'X4' ARCH. NO WORK BELOW OHW. (85 LF CONSPAN 12'X4' BOTTOMLESS ARCH)

NOTE: ALL STREAM MITIGATION BUFFERS WILL BE PLACED IN A CONSERVATION EASEMENT AND FILED WITH THE WILSON COUNTY COURTHOUSE



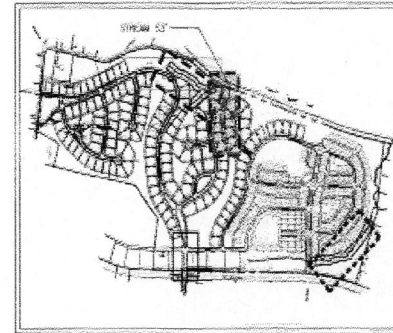




PLANT SCHEDULE S.S

REMARKS	DATE	BY	REVISION	DATE	BY	REVISION
1. SEE PLAN S.S FOR DETAILS OF PAVEMENT STRUCTURE	10/1/00	J. L. HARRIS	1.0	10/1/00	J. L. HARRIS	1.0
2. SEE PLAN S.S FOR DETAILS OF PAVEMENT STRUCTURE	10/1/00	J. L. HARRIS	1.0	10/1/00	J. L. HARRIS	1.0
3. SEE PLAN S.S FOR DETAILS OF PAVEMENT STRUCTURE	10/1/00	J. L. HARRIS	1.0	10/1/00	J. L. HARRIS	1.0
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10. SEE PLAN S.S FOR DETAILS OF PAVEMENT STRUCTURE	10/1/00	J. L. HARRIS	1.0	10/1/00	J. L. HARRIS	1.0

NOTE: ALL PAVEMENT SHALL BE CONCRETE TO MATCH THE EXISTING PAVEMENT.



CONTEXT MAP

IMPROVED C&G SYSTEM



DRINK YOU DO CALL
1-800-888-8888



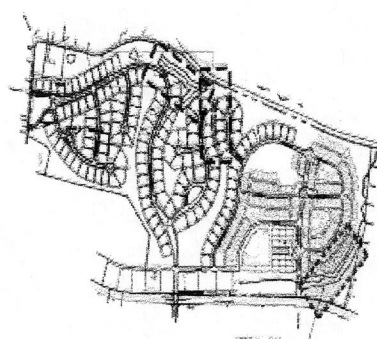
HAMILTON SPRINGS SUBDIVISION
COMBINED UTILITY DOCUMENTS

NO.	DATE	BY	REVISION
1	10/1/00	J. L. HARRIS	1.0
2	10/1/00	J. L. HARRIS	1.0
3	10/1/00	J. L. HARRIS	1.0
4	10/1/00	J. L. HARRIS	1.0
5	10/1/00	J. L. HARRIS	1.0
6	10/1/00	J. L. HARRIS	1.0
7	10/1/00	J. L. HARRIS	1.0
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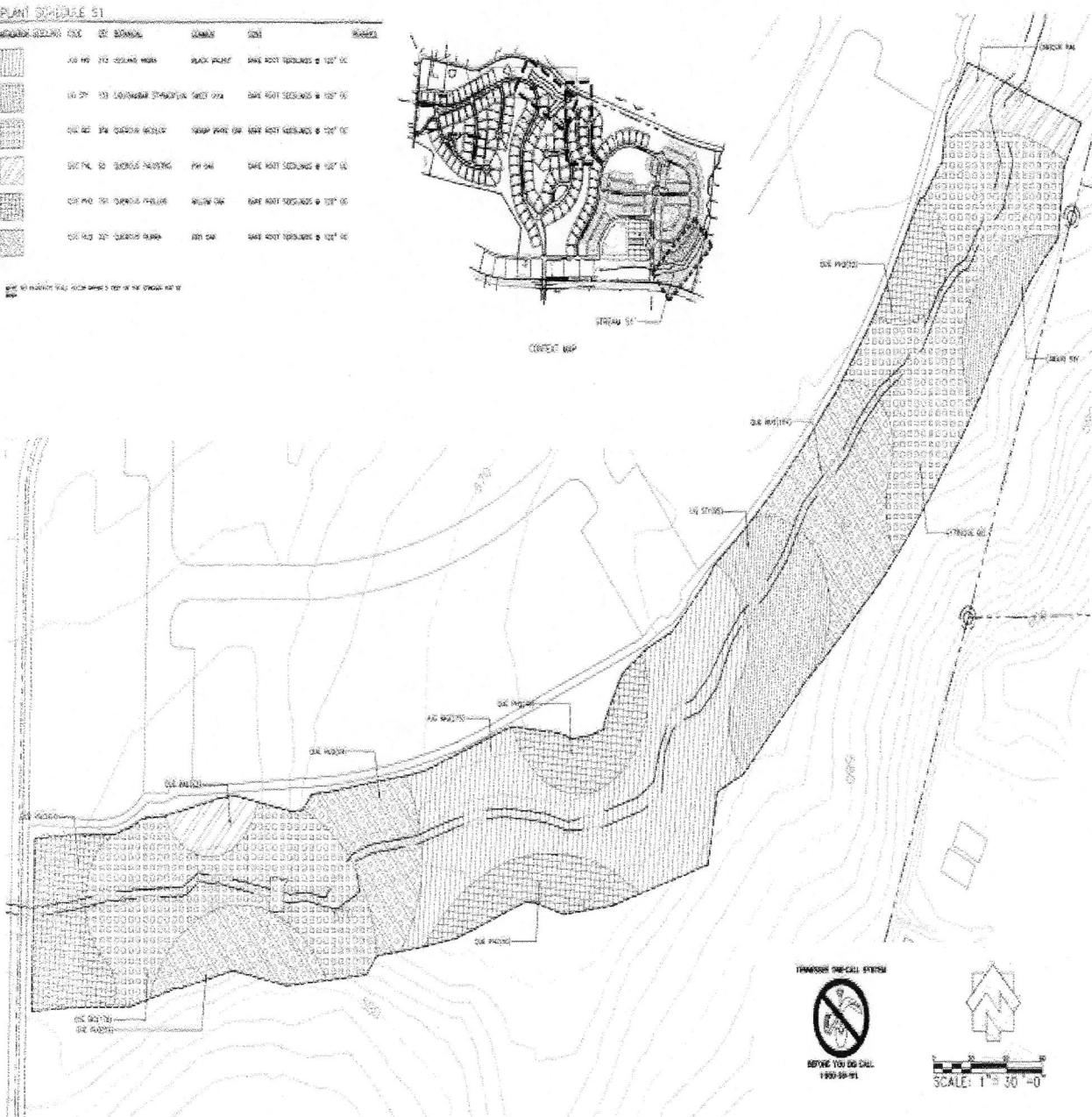
10/1/00
J. L. HARRIS
P.E.
10000
12/31/01

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THINKING OUT-LOUD: STRECH



BEFORE YOU DO CALL
1-800-368-971



SCALE: 1" = 30' ± 0"

HAMILTON SPRINGS SUBDIVISION

SHEET TITLE

STR
G
MITVZ
PLAN
PL

CROSSING AT
0618E-1